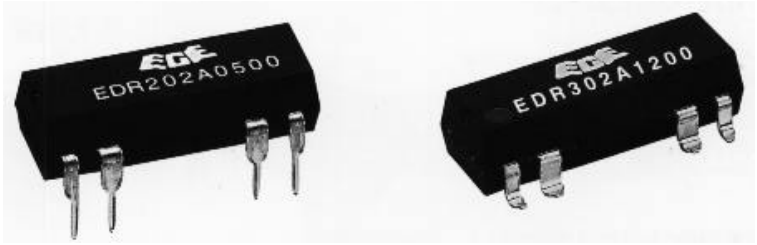
Jameco Part number 138456

EDR 2A 1B 1C SERIES

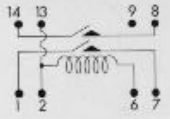
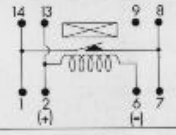
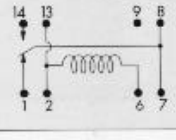
1. FEATURES:



1-1: Miniature, cost-effective switching solution
1-2: State-of-the art capsule designs.
1-3: Malded construction for compatibility with automatic board processing.
1-4: Epaxy-molded dual-in-line-package
1-5: Completely washable.

2. SPECIFICATIONS

2-1 Cail Rating:

Contact form	Nominal Voltage(VDC)	Max. Operate Voltage(V)	Pull-In Voltage(V)	Drop-out Voltage(V)	*Coil Resistance(Ω)	Nominal Input Power(mw)	Wiring Diagram Top view
2A	5	11	3.75	0.8	140±10%	179	
	12	20	9.00	1.0	500±10%	288	
	24	32	18.00	2.0	2150±10%	268	
1B	5	6	3.75	0.8	500±10%	50	
	12	14.5	9.00	1.0	1000±10%	144	
	24	29	18.00	2.0	2150±10%	268	
1C	5	11	3.75	0.8	200±10%	125	
	12	20	9.00	1.0	500±10%	288	
	24	32	18.00	2.0	2150±10%	268	

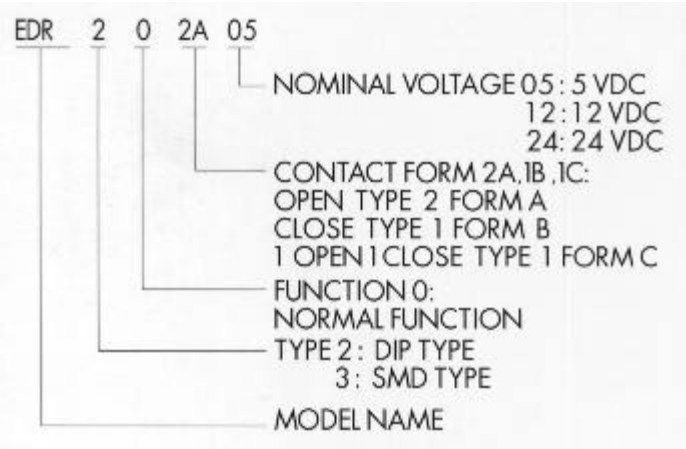
· Special design are available on request.

2-2 Contact Rating:

Contact form		2A	1B	1C
Switching Current		0.5ADC Max.	0.5ADC Max.	0.2ADC Max.
Carry Current		10ADC Max.	1.0ADC Max.	0.5ADC Max.
Switching Power		10VA Max.	10VA Max.	3VA Max.
Electrical Life		1x10%r8%r(10VDC 10mA)	1x10%r8%r(10VDC 10mA)	5x10%r7%r(5VDC.1mA)
Contact Resistance		150m Max.	150m Max.	150m Max.
Operate Time		1.0m sec Max. (Including Bounce Time)	1.0m sec Max. (Including Bounce Time)	1.0m sec Max. (Including Bounce Time)
Release Time		1.0m sec Max. (Including Bounce Time)	1.0m sec Max. (Including Bounce Time)	1.0m sec Max. (Including Bounce Time)
Maximum Voltage		100VDC Max.	100VDC Max.	30VAC Max.
				30VDC Max.
Insulation Resistance		10^{10} min.[100VDC]	10^{10} min.(100VDC)	10%r9%r min.(100VDC)
Dielectric	Between coil and contact	1400VDC	1400VDC	1400VDC
Strength	Between Contacts	250VDC	250VDC	250VDC
Temperature	Operating Temp	-40°C-+85°C	-40°C-+85°C	-40°C-+85°C
Range	Storage Temp	-55°C-+125°C	-55°C-+125°C	-55°C-+125°C
Shock Resistance		30 g min.	30 g min.	30 g min.

Jameco Part number 138456

3. PART NUMBERING SYSTEM:


EDR 2 0 2A 05
NOMINAL VOLTAGE 05 : 5 VDC
12 : 12 VDC
24: 24 VDC
CONTACT FORM 2A,1B ,1C:
OPEN TYPE 2 FORM A
CLOSE TYPE 1 FORM B
1 OPEN 1 CLOSE TYPE 1 FORM C
FUNCTION 0:
NORMAL FUNCTION
TYPE 2 : DIP TYPE
3 : SMD TYPE
MODEL NAME

4. DIMENSIONS

Unit: mm(inch)